

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
Stylesheet Version v18.0

Title of
Invention

OPTICAL READER HAVING A PLURALITY OF IMAGING
MODULES

Application Number: 10/782569
Confirmation Number: 5660
First Named Applicant: William HAVENS
Attorney Docket Number: 283-358 CON
Art Unit: 2876
Search string: (20010043273 or 20010055422 or
20020039099 or 20020066788).pn.



US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
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KCK	2	20010055422	2001-12-27	Roustaei			
KCK	3	20020039099	2002-04-04	Harper			
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Remarks

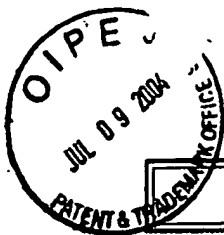
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This is the fifth of five electronically-filed Information Disclosure Statements. An additional (sixth) Information Disclosure Statement citing foreign references will follow via U.S. First Class Mail.

Signature

Examiner Name	Date
Kumiko C. Koyama	2/19/05


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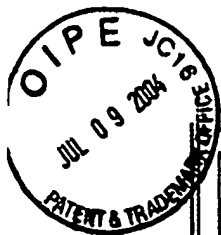


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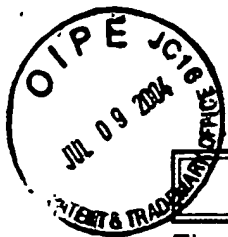
Remarks

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Search string: (5838720 or 5841121 or 5848064 or 5850078
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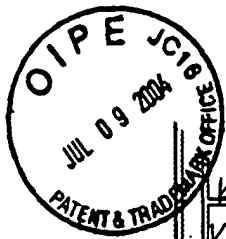
US Patent Documents

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KIK	7	5872354	1999-02-16	Hanson			
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KUK	13	5912921	1999-06-15	Warren et al.
KUK	14	5914478	1999-06-22	Bridgelall
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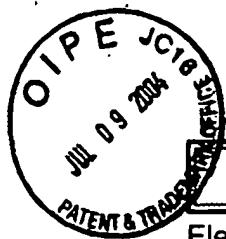
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<i>Kumiko C. Koyama</i>	<i>2/19/05</i>

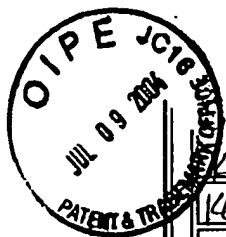


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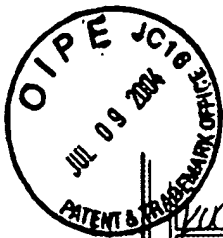
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Title of Invention	OPTICAL READER HAVING A PLURALITY OF IMAGING MODULES						
<div>Application Number: 10/782569 </div> <div>Confirmation Number: 5660</div> <div>First Named Applicant: William HAVENS</div> <div>Attorney Docket Number: 283-358 CON</div> <div>Art Unit: 2876</div> <div>Search string: (5550364 or 5557095 or 5576529 or 5579487 or 5585616 or 5591955 or 5597997 or 5598007 or 5602376 or 5610595 or 5637854 or 5638115 or 5640001 or 5640684 or 5644601 or 5646389 or 5648650 or 5668803 or 5672858 or 5684290 or 5696607 or 5703349 or 5717195 or 5717221 or 5723868 or 5734153 or 5736726 or 5744788 or 5754587 or 5756981 or 5763864 or 5773810 or 5777743 or 5780834 or 5783811 or 5786586 or 5793903 or 5794145 or 5801371 or 5802179 or 5804802 or 5811784 or 5814827 or 5815811 or 5818528 or 5821518 or 5825006 or 5834749 or 5834754 or 5837986),pn.</div>							
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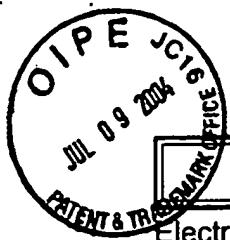
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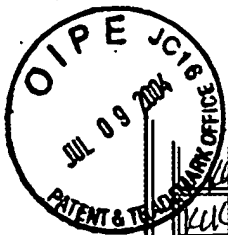


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KCK	10	4866257	1989-09-12	Elliott et al.
KCK	11	4877949	1989-10-31	Danielson et al.
KCK	12	4920255	1990-04-24	Gabeler
KCK	13	4945216	1990-07-31	Tanabe et al.
KCK	14	4964167	1990-10-16	Kunizawa et al.
KCK	15	5010241	1991-04-23	Butterworth
KCK	16	5019699	1991-05-28	Koenck
KCK	17	5034619	1991-07-23	Hammond Jr.
KCK	18	5046066	1991-09-03	Messenger
KCK	19	5059778	1991-10-22	Zouzoulas et al.
KCK	20	5059779	1991-10-22	Krichever
KCK	21	5101406	1992-03-31	Messenger
KCK	22	5132525	1992-07-21	Swartz
KCK	23	5149948	1992-09-22	Chisholm
KCK	24	5157248	1992-10-20	Barkan
KCK	25	5177346	1993-01-05	Chisholm
KCK	26	5206881	1993-04-27	Messenger et al.
KCK	27	5208449	1993-05-04	Eastman et al.
KCK	28	5233171	1993-08-03	Baldwin
KCK	29	5235167	1993-08-10	Dvorkis et al.
KCK	30	5280164	1994-01-18	Barkan
KCK	31	5296689	1994-03-22	Redderson et al.
KCK	32	5317136	1994-05-31	Hasegawa et al.
KCK	33	5331176	1994-07-19	Sant Anselmo
KCK	34	5340972	1994-08-23	Sandor
KCK	35	5347113	1994-09-13	Redderson et al.
KCK	36	5354977	1994-10-11	Roustaei
KCK	37	5378883	1995-01-03	Betterman
KCK	38	5389917	1995-02-14	LaManna et al.
KCK	39	5396054	1995-03-07	Krichever et al.
KCK	40	5404002	1995-04-04	Tang
KCK	41	5406063	1995-04-11	Jelen
KCK	42	5410141	1995-04-25	Koenck et al.
KCK	43	5420411	1995-05-30	Salatto Jr. et al.
KCK	44	5440111	1995-08-08	Eastman et al.
KCK	45	5504316	1996-04-02	Bridgelall



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<input checked="" type="checkbox"/>	48	5510606	1996-04-23	Worthington et al.
<input checked="" type="checkbox"/>	49	5532692	1996-07-02	Tatsuya
<input checked="" type="checkbox"/>	50	5541419	1996-07-30	Arackellian

Remarks

Note: Remarks are not for responding to an office action.

This submission is the first of five electronically-filed Information Disclosure Statements. An additional (sixth) Information Disclosure Statement citing foreign references will follow via U.S. First Class Mail.

Signature

Examiner Name	Date
<i>Kumiko C. Keyama</i>	<i>2/19/05</i>

Form PTO 1449 US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Atty Docket No. 283-358 CON		Serial No. TBD
	Applicant Havens et al		
	Filing Date February 19, 2004	Group TBD	

U.S. PATENT DOCUMENTS

Exam Initial		Document Number	Date	Name	Class	Sub Class	Filing Date
KCK	A	6,398,112	6/4/02	Li et al	235	462.01	3/31/00
KCK	B	5,717,195	2/10/98	Feng et al	235	470	3/29/96
KCK	C	5,763,864	6/9/98	O'Hagan et al	235	462.07	10/23/95
KCK	D	5,814,827	9/29/98	Katz	250	556	5/5/97
KCK	E	6,595,422	7/22/03	Doljack	235	462.42	6/23/99
KCK	F	6,578,767	6/17/03	Barkan et al	235	462.43	7/14/00
KCK	G	6,439,462	8/27/02	Dickson et al	235	462.74	2/18/99
KCK	H	6,375,074	4/23/02	Dickson et al	235	462.01	2/17/99
KCK	I	6,352,204	3/5/02	Hattersley et al	235	472.01	8/4/99
KCK	J	6,323,503	11/27/01	Hecht	250	566	5/28/99
KCK	K	6,303,929	10/16/01	Oshima et al	250	271	3/11/99
KCK	L	6,223,988	5/1/01	Batterman et al	235	472.01	4/13/99
KCK	M	6,147,358	11/14/00	Hecht	250	566	6/9/99
KCK	N	5,975,419	11/2/99	Dickson et al	235	472.02	9/30/97
KCK	O	5,942,762	8/24/99	Hecht	250	556	1/29/97
KCK	P	5,932,139	8/3/99	Oshima et al	252	301.16	11/17/95
KCK	Q	5,894,348	4/13/99	Bacchi et al	356	370	11/26/97
KCK	R	5,872,354	2/16/99	Hanson	235	462.24	11/22/94
KCK	S	5,777,743	7/7/98	Bacchi et al	356	370	10/3/96
KCK	T	5,696,607	12/9/97	Yamara et al	358 235	474	10/4/95
KCK	U	5,637,854	6/10/97	Thomas	235	462.14	9/22/95
KCK	V	5,602,376	2/11/97	Coleman et al	235	462.44	5/7/93
KCK	W	5,597,997	1/28/97	Obata et al	235	455	10/5/95
KCK	X	5,541,419	7/30/96	Arackellian	250	566	3/21/94
KCK	Y	5,504,317	4/2/96	Takahashi	235	462.42	1/5/94
KCK	Z	5,280,164	1/18/94	Barkan	235	462.21	12/17/91
KCK	AA	5,233,171	8/3/93	Baldwin	235	462.31	9/13/90
KCK	BB	5,177,346	1/5/93	Chisholm	235	462.06	12/13/89

Exam Initial		Document Number	Date	Name	Class	Sub Class	Filing Date
KCK	CC	5,157,248	10/20/92	Barkan	235	462.35	4/8/91
KCK	DD	5,149,948	9/22/92	Chisholm	235	462.06	7/16/90
KCK	EE	5,034,619	7/23/91	Hammond Jr	250	569	9/21/89
KCK	FF	5,010,241	4/23/91	Butterworth	462 235	462.24	1/12/89
KCK	GG	4,920,255	4/24/90	Gabeler	235	454	10/31/88
KCK	HH	4,057,784	11/8/77	Tafoya	235	462.4	9/27/76
KCK	II	3,978,317	8/31/76	Yamaguchi et al	235	462.48	2/24/75
KCK	JJ	6,578,767	6/17/03	Barkan et al	235	462.43	7/14/00
KCK	KK	6,360,949	3/26/02	Shepard et al	235	462.43	3/24/99
KCK	LL	5,955,720	9/21/99	He et al	235	462.34	3/21/96
KCK	MM	5,914,478	6/22/99	Bridgelall	235	462.25	1/24/97
KCK	NN	5,859,417	1/12/99	Dvorkis et al	235	462.39	8/15/97
KCK	OO	5,280,164	1/18/94	Barkan	235	462.21	12/17/91
KCK	PP	5,157,248	10/20/92	Barkan	235	462.35	4/8/91

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub Class	Translation	Abstract
KCK	QQ	EP 0 910 032 A2	4/20/98					

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages Etc.)

Examiner	Kumiko C. Koyama	
Date Considered	2/19/05	

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